

Mapping Around the World



Project Title	Mapping Around the World
Project Summary	The intern will assist in creating various maps for new and or existing projects. These will range from transportation studies, development zones, etc. These maps will help visualize the country, city or region through the mapped data before the team makes a trip down to the given location
Country	United States
Agency	Department of State
DoS Office	OBO/PRE/MPE/MPD
Post	N/A
Section	N/A
Number of Interns	4

Project Description

The Bureau has projects in our program that are scheduled beyond 2019. In preparation for those projects, it is fundamental to gather information and imagery pertaining to local conditions in the country and the city. Vital information includes, but is not limited to, city organization, public transportation routes, architectural styles, and growth trends and constraints. Additionally, background climate information is also necessary (wind, rain/water, solar, sea-level rise, flooding and similar background information and analysis). There are dozens of planned projects of various types, and this information can contribute substantially to future work.

The intern will assist in creating various maps for new and or existing projects. These will range from transportation studies, development zones, etc. These maps will help visualize the country, city or region through the mapped data before the team makes a trip down to the given location. Interns will then be able to create advanced visuals, presentations, and analysis documents based on the data found from these maps.

Over the course of the internship, the intern will assist in the development various maps for the assigned cities that host American diplomatic facilities (no more than 3 cities per semester). The intern will work with the mentor to establish a schedule for completing the background studies with periodic deadlines and check-ins. Deliverable:

Each semester's deliverable will be three city background documents completed using PowerPoint. The intern will check in with the staff mentor and provide drafts of her/his work on a bi-weekly basis, unless otherwise determined by the staff mentor. At the end of each semester, the City Background documents will be submitted to the mentor (.PPT and .PDF files), along with all source files used in the presentation (.png, .jpg, .kmz etc.).

All maps included in the presentation will include imagery from Google Earth and will be modified/enhanced in PowerPoint. Include references for all information included in your city research document, whether source links, publications, or any other data source. All geospatial information (placemarks, polygons, etc.) referenced in maps that go into the final PowerPoint will also be delivered via a well-organized KMZ (Google Earth) file. Interns may, in addition, have the opportunity to create visuals such as posters for a given city or project. The intern can work on all three cities at once or approach the cities in stages. The intern is expected to manage their time appropriately to complete documents of equal quality for each city. We recommend dedicating more time to cities where information may be harder to find.

Desired Skills Interests

Additional Information

Desired Interests and Skills

Deliverables will include:

- Civic information such as:
 - Locations of host nation's government facilities (Ministry of Foreign Affairs, Prime Minister's Office, etc.)
 - Locations of other foreign missions embassies or consulates
 - Major landmarks (parks, monuments, large sporting venues, universities, etc.)
 - Public transportation
 - Land use
- Social information such as:
 - Population density
 - Development & redevelopment areas
 - Growth trends
 - Crime and terrorism
- Natural environment information such as:
 - Floodplains, storm surge, and sea-level rise threats
 - Seismic activity
 - Wind patterns
 - Local Climate
 - Pollution Levels

Foreign Language Requirement

None

Other Suggested Requirements

- Basic Mapping
 - o Using GIS, Google Earth Pro, Mapbox, etc.
- Presentation and Design Skills

o Able to use at least one of the following programs, amongst other: PowerPoint, InDesign, Illustrator, etc.

Language Requirements

None